MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MAY, 1935

J. A. BROWN, DIRECTOR

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MAY 1935

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	60.0	59.6	59.8	59.8	28.9	23 6	26.7	28.7	27.3	27.6
2	58.0	7.8	6.9	7.6	38.5	25.7	31.9	28.8	27.8	29.5
3	6.9	5.0	8.1	6.7	34.9	25.6	29.2	31.2	23.4	27.9
4	9.7	9.9	60.8	60.1	27.3	19.3	24.3	26.0	24.3	24.9
5	61.9	61.9	2.2	2.0	24.2	21.8	23.2	23.9	21.9	23.0
6	63.0	62.8	62.9	62.9	22.4	20.4	21.0	21.7	20.0	20.9
7	1.7	0.3	59.6	0.5	25.7	19.9	20.9	25.1	19.1	21.7
8	0.3	0.2	60.7	0.4	24.6	17.2	22.1	23.8	18.3	21.4
9	2.3	1.9	1.1	1.8	25.7	15.9	21.7	23.7	21.5	22.3
10	1.0	59.6	58.6	59.7	26.2	17.9	23.1	25.1	21.3	23.2
11	57.8	56.8	56.8	57.1	25.9	18.8	22.2	23.8	21.5	22.5
12	6.9	6.6	7.3	6.9	25.6	18.3	22.4	25.4	19.5	22.4
13	8.2	7.9	8.1	8.1	26.8	17.8	23.1	26.4	20.6	23.4
14	6.7	5.8	7.7	6.7	29.3	18 3	24.8	27.6	24.2	25.5
15	60.2	60.6	60.3	60.4	26 3	20.1	23.1	24.9	20.9	23.0
16	60.1	59.5	60.1	59.9	25.9	17.9	22.4	24.3	20.9	22.5
17	59.5	9.1	0.2	9.6	25.7	16.8	22.3	24.9	20.7	22.6
18	60.3	60.4	0.4	60.4	28.1	17.4	23.7	27.1	21.6	24.1
19	0.9	59.9	59.6	0.1	29.3	20.9	24.9	27.7	23.6	25.4
20	58.7	7.8	6.9	57.8	28.7	20.8	28.4	26.6	23 2	26.1
21	55.7	55.0	54.5	55.1	29.1	20.7	27.2	27.8	27.3	27.4
22	5.2	4.7	7.0	5.6	31.3	21.1	26.5	28.8	26.7	27.3
23	9.6	8.4	9.3	9.1	32.2	21.6	25.8	30.1	25.9	27.3
24	60.3	60.1	60.6	60.3	32.2	21.5	31.3	30.8	24.3	28.8
25	0.8	59.9	59.7	0.1	31.8	21.6	28.7	30.7	26.5	28.6
26	60.2	59.4	59.5	59.7	32.2	23.3	29.9	31.1	26.8	29.3
27	59.5	9.0	8.7	9.1	29.0	21.7	25.1	28.2	24.2	25.8
28	8.9	8.2	8.4	8.5	28.9	21.3	25.9	28.3	23.4	25.9
29	9.9	9.5	9.3	9.6	31.0	20.2	26.6	28.5	25.7	26.9
30	9.5	8.9	9.2	9.2	32.2	21.3	26.8	30.9	26.6	28.1
31	8.8	6.8	6.9	7.5	36.8	23.7	31.3	35.1	30.7	32.4
	759.44	758.82	759.07	759.11	28.93	20.40	25.37	27.32	23.54	25.41

Barometer, range for month 754.5 mm. –763.0 mm.
,, 50-yr. average for month 759.624 mm.
Thermometer, Range for month 15.°9 C.–38.°5 C.
,, 50-yr. average for month 22.°19 C.
Rain, total for month 0.0 mm.
,, , 50-yr. average for month 20.83 mm
,, , total, Sept. 1st to end of month 975.86 mm.
50-yr. average, Sept. 1st to end of month 902.73 mm.

MAY 1935
METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	19.6	18.2	18.2	12.4	9.9	10.4	10.9	48	34	38	40	11.1	
2	18.3	20.8	18.5	8.7	13.2	10.6	10.8	25	45	39	36	7.8	
3	21.6	21.1	19.8	14.0	12.4	14.7	13.7	46	37	69	51	0.5	
4	21.0	21.5	20.4	16.0	15.8	15.1	15.6	71	63	67	67	5.2	
5	19.2	19.6	18.3	13.7	13.9	13.2	13.6	65	63	67	65	11.7	
6	17.6	18.2	17.1	12.6	13.2	12.1	13.0	69	69	67	68	0.4	
7	18.3	20.5	17.5	13.8	14.7	13.7	14.1	75	63	84	74	11.2	
8	19.2	19.5	17.3	14.5	13.8	14.0	14.1	73	62	90	75	12.9	
9	18.8	19.6	18.7	14.1	14.0	14.1	14.1	73	65	74	71	12.0	
10	19.8	21.3	18.8	14.4	16.0	14.4	14.9	66	68	77	70	10.2	
11	19.5	20.4	18.7	14.9	15.4	14.0	13.8	75	69	73	72	1.3	
12	19.6	21.6	17.6	14.9	16.3	13.7	15.0	75	68	81	75	5.1	
13	20.9	21.6	19.2	16.8	15.6	15.4	15.9	80	60	86	75	3.1	
14	18.1	22.4	19.3	11.5	16.3	13.4	13.7	50	60	60	57	8.9	
15	20.3	20.9	17.6	15.6	15.5	12.6	14.6	75	66	69	70	10.9	
16	18.3	18.9	18.2	12.9	12.8	13.6	13.1	64	56	75	65	11.0	
17	19.1	20.4	18.4	14.1	14.7	14.1	14.3	71	62	78	70	5.3	
18	19.8	23.1	18.4	14.4	17.8	13.6	15.3	66	67	70	68	11.3	
19	21.1	24.6	20.4	15.7	20.2	15.6	17.2	67	74	71	71	11.5	
20	20.7	23.6	18.7	13.1	19.2	13.1	15.1	46	74	62	61	12.0	
21	22.6	23.5	23.6	16.9	18.1	18.6	17.9	63	65	70	66	12.3	
22	22.5	24.3	22.8	17.2	18.9	17.6	17.9	66	63	67	65	4.8	
23	20.9	23.6	20.7	14.9	16.8	14.5	15.4	60	54	58	57	7.3	
24	22.6	24.9	20.1	14.4	18.6	14.5	15.8	41	55	65	54	12.6	
25	24.6	26.2	22.8	19.5	23.0	17.7	20.1	67	70	68	68	12.3	
26	24.4	26.8	22.3	18.3	22.3	17.4	19.3	58	66	66	63	12.0	
27	22.7	24.4	20.4	18.6	19.5	15.0	17.7	79	69	67	72	9.0	
28	22.3	23.3	19.7	16.9	17.3	14.4	16.2	66	61	67	65	12.0	
29	23.2	24.3	21.8	18.4	19.2	16.4	18.0	70	66	67	68	1.2	
30	22.6	24.4	21.0	17.1	17.7	14.6	16.5	65	53	55	58	12.1	
31	21.6	27.6	23.3	13.0	23.6	15.9	17.5	38	56	48	47	12.3	
				14.94	16.63	14.45	15.33	63.0	61.4	67.6	68.0	8.75	0.0

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	1cu	0	1st	0.7	1ne	1ne	1ne	180.2	calm	haze all day
2	6st	0	1st	2.3	3e	3n	0	339.6	slight	„ „ „
3	10st	10stcu	7stcu	9.0	1se	0	1sw	305.0	„	
4	10stcu	7stcu	5stcu	7.3	4sw	2sw	2sw	379.0	mod.	
5	6stcu	1cu	0	2.3	2sw	2sw	1sw	193.0	„	
6	10cu	10stcu	7stcu	9.0	1sw	1sw	0	36.4	slight	tr. rain
7	1cu	2ci	0	1.0	1sw	2n	0	82.1	mod.	
8	2stcu	1cu	1cu	1.3	2sw	2sw	0	108.4	slight	
9	2cu	1stcu	1stcu	1.3	1w	1sw	1nw	241.9	„	
10	1st	2ci	3st	2.0	1nw	3nw	2nw	294.5	„	
11	9stci	9stcu	5stci	7.7	1nw	1w	0	140.0	„	
12	9stcu	7stcu	2stcu	6.0	1s	2sw	1sw	146.4	light	
13	7st	6stci	5stci	6.0	1s	2s	0	75.6	„	
14	5st	0	4st	3.0	0	1w	2sw	59.5	„	thin mist
15	1cu	1cu	1cu	1.0	4sw	3sw	2sw	301.0	mod.	„ „
16	0	4stcu	3stcu	2.3	2sw	3sw	1sw	244.6	„	
17	10cu	0	2stcu	4.0	2sw	2sw	2sw	185.0	slight	
18	0	1cu	1cu	0.7	1sw	0	0	67.6	„	
19	1st	1st	1st	1.0	1sw	1sw	0	131.9	„	
20	0	1cu	0	0.3	2w	3sw	0	197.9	„	
21	1cu	1stcu	2cu	1.3	2n	2n	2n	323.5	„	
22	8stci	5stcu	5stcu	6.0	5sw	3sw	1sw	505.3	mod.	low fog over sea
23	5stcu	3stci	2stci	3.3	1nw	2nw	0	138.4	slight	
24	0	0	0	0.0	0	0	0	85.3	light	
25	1cu	0	0	0.3	1w	0	0	93.3	calm	
26	1cu	1cu	0	0.7	0	0	0	99.8	light	
27	4stcu	3ci	2stcu	3.0	5sw	4sw	4w	294.5	mod.	
28	1cu	0	0	0.3	4sw	3w	0	245.1	„	
29	9stci	10stci	5stci	8.0	3sw	1sw	0	189.9	„	
30	1cu	0	0	0.3	2nw	3n	1nw	292.9	„	
31	1cu	0	0	0.3	1sw	0	0	130.3	„	
				2.96	1.8	1.7	0.8	197.05		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	1	1	1	2	15	3	4	3	31
14:30	4	1	0	0	1	14	3	2	6	31
20:30	1	1	0	0	0	9	1	3	16	31
Totals	6	3	1	1	3	38	7	9	25	

Number of days with rain 0, fog 1, thunderstorms 0, gales 0.

50-yr. average number of days with rain during month 3.2